## **DATA DICTIONARY**

## - PecPocket

	DATA PROCESSES	
Process Name	1.0 Storage of student database	
Description	All the student database from the whole college	
	Name of the student	
Inbound Data Flow	• Email of the student	
	• SID of the student	
Outbound Data Flow	• Super Table	
Process Name	2.0 Registration and Authentication	
Description	Registration of the user by verification of identity and authentication level of the student	
	Login/Sign-up attempt	
Inhaund Data Flaur	User detail verification	
Inbound Data Flow	User detail status	
	Acess level of user	
	User Detail authentication	
Outbound Data Flow	Login/Sign-up status	
	Access level request	

Process Name			3.0 Ct	ustom Folder				
Description	Folder to add personal	l documents and	other impor	tant college docu access	ments, all organi	ised at one place f	for easy	
	Request to view docur	equest to view documents						
Inbound Data Flow	Request to upload doc							
Outbound Data Flow	Show documents							
Process Name			4.0 Cus	stom Reminder	•			
Description	Set custom reminders	for upcoming eve	ents/quizze	s/homework dead of time	dline to schedule	the week and stag	y ahead	
Inbound Data Flow	Request to set custom	n reminder						
Outbound Data Flow	Notification for that cu	Notification for that custom reminder						
Process Name		5.0 Timetable  Make your semester timetable according to all your courses to keep track of all your classes						
Description	Make your se							
Inbound Data Flow	Request to set timetal	Request to set timetable						
Outbound Data Flow	View timetable							
Process Name			6.0 N	lotifications				
Description	Get notifications for			eting via your club our class represe		ries and for quizze	es and	
	Get list for students in	the club/society						
Inbound Data Flow	Send meeting announ	cement						
IIIDUIIU Dala FIOW	Request to view notification							
	Set exam date and as:		es					
Outbound Data Flow	Request list of studen							
Outbound Data Flow	Send/view notification							

Process Name			7 0	Pec Social						
FIOCESS Name			7.0	Pec Social						
Description		Find other	r students and viev	w their profile to ir	ncrease socializir	ng				
Inbound Data Flow	• Request to view	w profile								
Outbound Data Flow	Show profile									
Process Name			8.0 St	tudy Material						
	0-4					-1				
Description	Get all your	course books/na	ndouts/youtube o	course links at o	ne piace via your	ciass reprense	entative			
Inbound Data Flow	• Request to view									
		equest to add content ew study material								
Outbound Data Flow	View study ma	terial								
Process Name			9.0	Attendance						
Description		Keep track of your attendance by marking your classes								
Becompain										
Inhaund Data Flaur	• Get list of subjects									
Inbound Data Flow	Set subject wise attendance     Get attendance									
	View attendance									
Outbound Data Flow		New attendance     Show attendance								
	• Request for su	bjects of user								
Process Name			10. Hai	nburger Menu						
	10. Hamburger Menu								+	

Descrip	บบบา		· IU a	ccess your prome	and other setting	s for the app		
		Get user details	(SID, Name, bran	ch, year, semester	, clubs, instagram	handle)		
Inbound Da	nta Elow	• Request for upo	date of subjects/c	lubs/instagram ha	andle			
IIIbouliu Da	ala FIOW	<ul> <li>Get subjects</li> </ul>						
		Get authorization	on					
		• update subjects	s/clubs/instagram	n handle				
Outbound D	ata Flow	• Sign out						
Outboulld B	ata i iow	• Delete account						
		Show user profit	ile					

## **DATA DICTIONARY**

## - PecPocket

	DATA FLOW										
	Data Flow Name	Name, Email and SID of all students									
	Description	Admin store	es the name,	email and SID o	f all students in	college in the d	atabase for aut	hentication			
	From Process										
	To Process			1.0 Sto	rage of student	database					
	Data Structures				Super						
	Data Structures				Super						
2	Data Structures  Data Flow Name				Super	ot.					
2			Studen	t/CR/Secreatary	Login Attemp		n attempt				
2	Data Flow Name		Studen	t/CR/Secreatary	Login Attemp		n attempt				

3	Data Flow Name	Login Status									
	Description	The login credentials are sent to the database to verify									
	From Process	2.1 Login									
	To Process	-									
	Data Structures	SignUp, Authorization									
4	Data Flow Name	Access level check									
	Description	To check the authorization level of the user									
	From Process	2.1 Login									
	To Process	-									
	Data Structures	Authorization									
5	Data Flow Name	Student detail check									
	Description	Existence status of the user is checked from the database									
	From Process	2.2 Sign-up									
	To Process	-									
	Data Structures	Super									

6	Data Flow Name	Sign-up attempt									
	Description	Check identity of the user									
	From Process	-									
	To Process	2.2 Sign-up									
	Data Structures	SignUp									
7	Data Flow Name	Update login state and auth level									
	Description	The login state and auth level are updated in the local storage									
	From Process	2.2 Sign-up									
	To Process	-									
	Data Structures	User Table (Local Storage)									
8	Data Flow Name	Update username and password									
	Description	The username and password (saved hashed) are saved into the database									
	From Process	2.2 Sign-up									
	To Process	-									
	Data Structures	SignUp									

9	Data Flow Name	Subject/Club/Society details									
	Description	The subejcts/club details of the user are asked for other features									
	From Process	2.3 Enter Details									
	To Process	-									
	Data Structures	SignUp, Personal, Subject Table (Local Storage)									
10	Data Flow Name	Upload Documents									
	Description	to upload your own personal material and documents									
	From Process	-									
	To Process	3.0 Custom Folder									
	Data Structures	InApp Storage									
11	Data Flow Name	View Documents									
	Description	to view the uploaded documents									
	From Process	3.0 Customer Folder									
	To Process	-									
	Data Structures	InApp Storage									

Flow Name scription n Process Process Structures  Flow Name scription n Process Process Structures			Notificat notification for	Set Reminder or for important  Custom Remir InApp Storage  ion for custom your custome r Custom Remir	events/tasks  nder  n reminder  eminder is sent					
scription n Process Process Structures Flow Name scription n Process Process			Notificat notification for	er for important  -  Custom Remir InApp Storage  ion for custom your custome r	events/tasks  nder  n reminder  eminder is sent					
Process Process Structures Flow Name scription Process Process			Notificat notification for	Custom Remir InApp Storage ion for custom your custome r	nder  reminder eminder is sent					
Process Structures Flow Name scription n Process Process			Notificat notification for	InApp Storage ion for custom your custome r	reminder eminder is sent					
Flow Name scription n Process Process			Notificat notification for	InApp Storage ion for custom your custome r	reminder eminder is sent					
Flow Name scription n Process Process			notification for	ion for custom	reminder eminder is sent					
scription n Process Process			notification for	your custome r	eminder is sent					
scription n Process Process			notification for	your custome r	eminder is sent					
scription n Process Process			notification for	your custome r	eminder is sent					
n Process Process										
Process			4.0	Custom Remir	nder					
				-						
Structures										
				InApp Storage						
				11 5						
Flow Name	Request list of subjects of user									
scription	Request list of subjects of user to show (to choose from) while creating time table									
n Process	5.1 Add a new class									
Process				-						
Structures			Subjec	ts Table (Local S	Storage)					
Flow Name			Request	to schedule a	new class					
scription		The	e user requests t	o schedule a ne	w class in time	table				
n Process				-						
Process			5.	1 Add a new cla	ass					
				-						
	Process Structures Flow Name scription n Process Process	Process Structures Flow Name scription n Process Process	Process Structures Flow Name scription The Process Process	Process Structures Subject Flow Name Request scription The user requests to Process Process 5.5	Process Structures Subjects Table (Local serior Name Request to schedule a scription The user requests to schedule a new process Process 5.1 Add a new class	Process Structures Subjects Table (Local Storage)  Flow Name Request to schedule a new class Scription The user requests to schedule a new class in time The Process The user requests to schedule a new class in time The User requests to schedule a new class in time The User requests to schedule a new class in time The User requests to schedule a new class in time	Process Structures Subjects Table (Local Storage)  Flow Name Request to schedule a new class Scription The user requests to schedule a new class in time table The Process The User Table (Local Storage)	Process Structures Subjects Table (Local Storage)  Flow Name Request to schedule a new class Scription The user requests to schedule a new class in time table The Process The User Table (Local Storage)  The User Table (Local Storage)		

16	Data Flow Name			Request de	tails like subje	ct, day, time						
	Description		Re	equest details fro	om the user to s	chedule their cla	ass					
	From Process	5.1 Add a new class										
	To Process				-							
	Data Structures				-							
17	Data Flow Name			Appen	d details of ne	w class						
	Description		А	ppend the detail	s of the new cla	ss in local stora	ge					
	From Process			5.	1 Add a new cla	ISS						
	To Process				-							
	Data Structures			Timetal	ole Table (Local	Storage)						
18	Data Flow Name	Request to delete class										
	Description	The user requests to delete a class										
	From Process											
	To Process	5.2 Delete a class										
	Data Structures			Timetal	ole Table (Local	Storage)						
19	Data Flow Name			Remove de	etails of conce	rned class						
	Description		Re	move details of	concerned class	s from local stor	age					
	From Process				5.2 Delete a clas	SS						
	To Process				-							
	Data Structures			Timetal	ole Table (Local	Storage)						

20	Data Flow Name			Reque	st to view Tim	etable						
	Description	The user requests to view the TimeTable										
	From Process				-							
	To Process			5.3 Gene	erate and View 1	imetable						
	Data Structures				-							
21	Data Flow Name	Display Timetable										
	Description											
	From Process			5.3 Gene	erate and View 1	imetable						
	To Process				-							
	Data Structures				-							
22	Data Flow Name	Request list of classes marked in timetable										
	Description	Request list of classes marked in timetable with date & time from local storage										
	From Process	5.3 Generate and View Timetable										
	To Process				-							
	Data Structures			Timetab	ole Table (Local	Storage)						
						- ,						
23	Data Flow Name			Clu	ıb Announcem	ent						
	Description		Club secretar	ry/joint secretary	posts an annou	ncement for an	event/meeting					
	From Process				-							
	To Process			6.1 Rec	eive club annou	ncement						
	Data Structures				-							

24	Data Flow Name			Store o	details for noti	fication						
	Description		Store the n	otifications to fu	rther send it to t	he concerned gr	oup of users					
	From Process			6.1 Rec	eive club annou	ncement						
	To Process				-							
	Data Structures			N	lotifications Tab	ole						
25	Data Flow Name	List of students										
	Description		the	list of students b	pelonging to a pa	articular club/sc	ociety					
	From Process			6.2 Send	to students fron	n that club						
	To Process				-							
	Data Structures				Personal							
26	Data Flow Name	Request List										
	Description	Get list of users of a club from database										
	From Process	6.2 Send to students from that club										
	To Process				-							
	Data Structures				Personal							
27	Data Flow Name			Assig	nment/quiz sc	hedule						
	Description	As	ssignment de	adline and quiz/e	exam schedule a	announcement p	osted by the CR	S				
	From Process				-							
	To Process			6.3 Recei	ve date for dead	lline/exam						
	Data Structures				-							

28	Data Flow Name	Store details for notifications					
	Description	Store the notifications to further send it to the co	oncerned group of users				
	From Process	6.3 Receive date for deadline/exam					
	To Process						
	Data Structures	Notifications Table					
29	Data Flow Name	Get notification to send					
	Description	Get the notification to send to the concerned group					
	From Process						
	To Process	6.4 Send to students from the brand	ch and year				
	Data Structures	Notifications Table	·				
30	Data Flow Name	Update notification details for that be	ranch and vear				
		· · · · · · · · · · · · · · · · · · ·					
	Description	List of all the tasks that are due in one day					
	From Process	6.4 Send to students from the branch	ch and year				
	To Process	-					
	Data Structures	Student Noti Table					
31	Data Flow Name	Request list of students from CR's b	anch and year				
	Description	Request list of students from CR's branch and year to send them notification					
	From Process	6.4 Send to students from the branch and year					
	To Process	-					
	Data Structures	Personal					

32	Data Flow Name	Get list of students				
-						
	Description	Get list of students from the database belonging to that group				
	From Process	-				
	To Process	6.4 Send to students from the branch and year				
	Data Structures	Personal				
33	Data Flow Name	Request pending student notifications				
	Description	Request pending notifications for that user (if any)				
	From Process	6.5 Send notification to concerned users				
	To Process	-				
	Data Structures	Student Noti Table				
• •	Data Flow Name	Daywash ta vi ayy mastila				
34	Data Flow Name	Request to view profile				
	Description	Request to view profile of a said user				
	From Process	-				
	To Process	7.0 Pec Social				
	Data Structures	Personal				
35	Data Flow Name	Show Profile				
	Description	view the profile of the user asked for				
	From Process	7.0 Pec Social				
	To Process	-				
	Data Structures	-				

36	Data Flow Name	Upload study material				
	Description	CRs upload relevant study material for their respective subjects				
	From Process	-				
	To Process	8.0 Study Material				
	Data Structures	-				
37	Data Flow Name	Request to view study material				
-						
	Description	Request to view study material of a certain subject				
	From Process	-				
	To Process	8.0 Study Material				
	Data Structures	-				
	D. C. C.					
38	Data Flow Name	View study material				
	Description	Show the study material for that respective subject				
	From Process	-				
	To Process	8.0 Study Material				
	Data Structures	-				
00	Data Flow Name	Class attended/not attended				
39	Data Flow Name	Class attended/not attended				
	Description	Mark the classes you attended as well as not attended for a subject				
	From Process	-				
	To Process	9.1 Mark attendance				
	Data Structures	Attendance Table & Subject Table (Local Storage)				

40	Data Flow Name		Send subject code to increment attendance						
	Description	send the	send the subject code to in-app storage to increment the attendance of that subject						
	From Process			9.1 Ma	ark attendance,	Subjects			
	To Process				Local Storage	):			
	Data Structures		,	Attendance Tab	e & Subject Tab	ole (Local Storag	e)		
41	Data Flow Name			Requ	est attendanc	e data			
	Description	Req	Request the attendance data (subject, total classes held, classes attended)						
	From Process		9.3 Compute attendance %						
	To Process				Local Storage	•			
	Data Structures		,	Attendance Tab	e & Subject Tab	ole (Local Storag	e)		
42	Data Flow Name		Computed attendance						
	Description	The computed attendance is given along with the number of classes the user can miss to maintain that percentage							
	From Process			9.3 0	ompute attend	ance %			
	To Process	9.2 View attendance							
	Data Structures				-				
				_					
43	Data Flow Name			Reque	est to view atte	endance			
	Description		User sends request to view their attendance record						
	From Process				-				
	To Process			9	.2 View attenda	nce			
	Data Structures				-				

44	Data Flow Name	Show attendance				
	Description	The app shows the attendance details of that user for that subject				
	From Process	9.2 View attendance				
	To Process	-				
	Data Structures	-				
45	Data Flow Name	Request required Club Names correspoding to the club codes				
	Description	Get clubs names from backend to display in view profile				
	From Process	10.1 View Profile				
	To Process	-				
	Data Structures	Club Convertor				
	Data Flow Name	Danis at us ada dataila				
46	Data Flow Name	Request user's details				
	Description	Request for user's details to display in view profile				
	From Process	10.1 View Profile				
	To Process	-				
	Data Structures	Personal				
47	Data Flow Name	Add/I Indeterrory's instagrans handle				
47	Data Flow Name	Add/Update user's instagram handle				
	Description	Request to add or update user's instagram handle in backend				
	From Process	10.2 Add/Update Instagram handle				
	To Process	-				
	Data Structures	Personal				

48	Data Flow Name	Request list of user's clubs to append/delete					
	Description	Request list of user's clubs from backend to edit it					
	From Process	10.3 Edit clubs					
	To Process						
	Data Structures	Personal					
49	Data Flow Name	Request search results					
	Description	The user can search for available clubs to edit his/her list					
	From Process	10.3 Edit clubs					
	To Process	-					
	Data Structures	Club Convertor					
	Data Flow Name	Undete Login (Ciamum etetus					
50	Data Flow Name	Update Login/Signup status					
	Description	update the signup status from local storage in case user wants to logout					
	From Process	10.4 Log Out					
	To Process	-					
	Data Structures	User Table (Local Storage)					
51	Data Flow Name	Remove user from records					
	Description	If the user wants to delete account, we remove his records from database					
	From Process	10.5 Delete Account					
	To Process	-					
	Data Structures	Personal					

52	Data Flow Name	Remove user from tables					
	Description	If the uper wente to delete account, we remove his records from tables in health of					
	·	If the user wants to delete account, we remove his records from tables in backend					
	From Process	10.5 Delete Account					
	To Process	-					
	Data Structures	Authorization Table, Signup Table, Notifications Table					
53	Data Flow Name	Request to check the user's password					
	Description	Request to check the user's password before deleting their account for authenticity					
	From Process	10.5 Delete Account					
	To Process	-					
	Data Structures	SignUp Table					
54	Data Flow Name	Get current password and existence status of the user					
	Description	To check the user's password before deleting their account for authenticity					
	From Process	-					
	To Process	10.5 Delete Account					
	Data Structures	SignUp Table					
55	Data Flow Name	Update new password					
	Description	Change user's password					
	From Process	10.6 Change Password					
	To Process	-					
	Data Structures	SignUp Table					

56	Data Flow Name	Request list of subjects to append/delete					
	Description	Request list of subjects from backend to edit					
	From Process	10.7 Edit subjects					
	To Process	-					
	Data Structures	Subject Table (Local Storage)					
57	Data Flow Name	Request search results					
	Description	The user can search for available subjects to edit his/her list					
	From Process	10.7 Edit subjects					
	To Process	-					
	Data Structures	Sub Convertor Table					
58	Data Flow Name	Request to store user's clubs					
	Description	Store user's clubs on local storage					
	From Process	10.3 Edit clubs					
	To Process	-					
	Data Structures	Clubs Table(Local Storage)					

# **DATA DICTIONARY**

#### - PecPocket

		- I COI OCKCI				
	DATA E	ELEMENTS		,	,	
Element Name		1. SID				
Liement Name		1. 312				
Description	Unique Identification	on number for each stude	ent who uses the	e application		
Туре		Integer				
Length		8				
Element Name		2. Name				
Description	Name o	of the student of PEC using	g the applicatio	n		
Туре		String				
Length		100				
Element Name		3. Email				
Description	Official College Ema	ail Address of the student	of PEC using th	ne application		
Туре		String				

Element Name	4. Password
Description	Password of student using application, encrypted before storing for privacy and security
Туре	String
Length	50
Element Name	5. Auth
Description	Authorization of the Student, either 1 or 2, determining if a student is a class representative or a Secretary/Joint Secretary of a Club/Technical Society. Auth = 0 is not saved in the data store.
Туре	Integer
Length	1
Element Name	6. Domain
Description	Determines the club code of the respective Seccy or Joint Seccy of a club in the authorization table. Holds value xx for CRs.
Туре	String
Length	50
Element Name	7. Branch
Description	Name of the branch the student is enrolled in.
Туре	String
Length	25

Element Name	8. Year
Description	Current academic year of the student in PEC
Туре	Integer
Length	1
Element Name	9. Semester
Description	Current Semester number of the student in PEC
Туре	Integer
Length	1
Element Name	10. Club_codes
Description	A string of double digit club codes concatonated together based on the respective clubs and technical societies a student is a part of.
Туре	String
Length	50
Element Name	11. Insta
Description	Holds the Instagram handle of a student.
Туре	String
Length	50

Element Name	12. Subject
Description	Name of a subject based on the corresponding subject code
Туре	String
Length	50
Element Name	13. Sub_code
Description	The subject code mapped to it's respective subject. contains 3 letters followed by three numbers, which together form a unique subject code.
Туре	String
Length	100
Element Name	14. Club (alias = Society)
Description	Name of the club or technical society based on the corresponding club codes
Туре	String
Length	50
Element Name	15. Club_code (alias = Society_code)
Description	The club code is a double digit number uniquely mapped to it's respective Club.
Туре	String
Length	100

<b>5</b> 1		
Element Name	16. Noti_id	
Description	A unique id mapped to every notification that is sent to the backend to cast to the respective students it is meant for.	
Type	Integer	
Length	3	
Element Name	17. Topic	
Description	Represents the Topic of the event sent as a notification	
Туре	String	
Length	50	
Longar		
Element Name	18. Description	
Description	Holds the description of an event send as a notification.	
Туре	Text	
Length	500	
Element Name	19. Date	
<b>D</b>		
Description	Holds the date of the event sent in the notification.	
Туре	Date	
Length	10	
Element Name	20. Time	
Description	Holds the time of the event sent in the notification.	
Туре	Time	
Length	5	
Element Name	21. Subject	

Element Name	22. Subtitle	
	A string that stores the name of the subtypesubject based on the respective subjects that the user decides to	
Description	keep a track of (Eg Lecture, Lab, Tutorial)	
Туре	String	
Length	20	
Element Name	23. classesAttended	
Description	Integer that stores the number of classes attended of a particular subject and respective subtitle	
Туре	Integer	
Length	2	
-		
Element Name	24. totalClasses	
Description	Integer that stores the number of classes attended of a particular subject and respective subtitle	
Туре	Integer that stores the number of classes attended on a particular subject and respective subtitle	
Length	2	
Element Name	25. Club	
Description	A string that stores the name of the Club/Society that the user chooses to be a part of	
Type	String	
Length	50	
Element Name	26. description	
	String that contains the subject and subtitle concatenated based on the respective entry in the Custom	

Description	Reminders Table	
Туре	String	
Length	150	
Element Name	27. year	
Description	Integer that stores the year that corresponds to the date of an entry in the Custom Reminders Table	
T		
Туре	Integer	
Length	4	
Element Name	28. Month	
Description	Integer that stores the month that corresponds to the date of an entry in the Custom Reminders Table	
Туре	Integer	
Length	2	
Lengui	2	
Element Name	29. Day	
Element Name	29. Day	
Description	Integer that stores the day that corresponds to the date of an entry in the Custom Reminders Table	
Туре	Integer	
1		
Length	2	
Element Name	30. Hour	
	Integer that stores the hour that corresponds to the date of an entry in the Custom Reminders Table in 24 hour	
Description	format	
Туре	Integer	
Length	2	
Element Name	31. Minute	

Description	Integer that stores the Minute that corresponds to the date of an entry in the Custom Reminders Table	
Туре	Integer	
Length	2	
Element Name	32. getNotified	
Liement Name	32. getrouneu	
Description	Boolean that stores the user's option regarding whether they want to get notified when an entry in the custom reminders reaches its arrival date	
Туре	Boolean	
Length	1	
Element Name	33. SubjectCode	
	A string that stores the name of the subject code corresponding to a subject based on the respective subjects	
Description	that the user decides to keep a track of	
Туре	String	
Length	6	
Element Name	34. Title	
	A String that stores the subject and subtitle concatenated which stores the title of an entry in the attendance	
Description	table	
Туре	String	
Length	150	
Element Name	35. startYear	
Element Name	55. Start redi	
Description	An integer that stores the starting year of an event in the Timetable table	
Туре	Integer	
Length	4	
Element Name	36. startMonth	

Description	An integer that stores the starting month of an event in the Timetable table	
Туре	Integer	
Length	2	
Element Name	37. startDay	
Description	An integer that stores the starting day of an event in the Timetable table	
Туре	Integer	
Length	2	
Element Name	38. starHour	
Description	An integer that stores the starting hour of an event in the Timetable table in a 24 hour format	
Type	Integer	
Length	2	
Element Name	39. startMinute	
Description	An integer that stores the storting minute of an event in the Timetable table	
Туре	An integer that stores the starting minute of an event in the Timetable table	
Length	Integer 2	
Length		
Element Name	40. endYear	
Description	An integer that stores the starting year of an event in the Timetable table	
Туре	Integer	
Length	4	
Element Name	41. endMonth	
Description	An integer that stores the starting month of an event in the Timetable table	

Integer	
2	
42. endDay	
An integer that stores the starting day of an event in the Timetable table	
43. endHour	
An integer that ateres the starting hour of an event in the Timetable table in a 24 hour format	
44. endMinute	
An integer that stores the starting minute of an event in the Timetable table	
An integer that stores how frequently an event is repeated in the Timetable table (eg. 7 for weekly, 365 for other)	
·	
3	
46. SID	
An integer that stores the sid that a user signs up with	
	42. endDay  An integer that stores the starting day of an event in the Timetable table  Integer  2  43. endHour  An integer that stores the starting hour of an event in the Timetable table in a 24 hour format  Integer  2  44. endMinute  An integer that stores the starting minute of an event in the Timetable table  Integer  2  45. Interval  An integer that stores how frequently an event is repeated in the Timetable table (eg. 7 for weekly, 365 for other)  Integer

Element Name	47. Password	
Lienient Name	47. Fassworu	
Description	A string that the user chooses to sign up with	
Туре	String	
Length	20	
Element Name	48. Auth	
Description	An integer that stores the authorisation level of a user, 0 = student, 1 = CR, 2 = Club/Society Secretary/Joint Secretary	
Туре	Integer	
Length	1	
Element Name	49. Login	
Description	An integer that stores the login status of a user, 0 = logged out, 1 = logged in	
Туре	Integer	
Length	1	

## **DATA DICTIONARY**

#### - PecPocket

	DATA STORES
Data Store Name	1. Super Table
Description	Contains details of Name, SID and official PEC email address of every student in PEC.
Inbound Data Flows	1. Storage of Student Database 2.2 Sign-up
Outbound Data Flows	2. User Detail status
Data Description	SID(Primary key), Name, Email
Data Store Name	2. SignUp Table
Description	Contains the SID and the hashed passwords of all the Users who have an account registered with the application.
Inbound Data Flows	2.1 Account existence check 2.2 Add user's password 10.6 Request to check user's existence and password 10.6 Update new password
Outbound Data Flows	2.1 Account existence status 10.6 Get user's existence and password
Data Description	SID(primary key), Password

Data Store Name	3. Authorization Table					
Description	Hold the authorization level of students who are secretaries/joint secretaries of clubs/technical societies or are Class Representatives of their class.					
Inbound Data Flows	2.1 Access Level Check 10.5 Remove user from table					
Outbound Data Flows	2.1 Acces Level Status					
Data Description	SID(primary key), Auth, Domain					
Data Store Name	4. Personal Table					
Description	Contains basic data of the user which includes their name, semester year etc.					
Inbound Data Flows	2.3 Save list of clubs of user 6.2 Request list of students from that secy's club 6.4 Request list of students from that CR's branch and year 10.5 Remove user from table					
Outbound Data Flows	6.2 Get list of students from that secy's club 6.4 Get list of students from that CR's branch and year 10. Get user details					
Data Description	SID (primary key), Name, Branch, Year, Semester, Clubs, Instagram handle					
Data Store Name	5. Sub_converter Table					
Description	Contains subject names for every subject code respectively and used to fetch subject names from their respective subject codes.					
Inbound Data Flows	10.7 Request search results					
Outbound Data Flows	10.7 Get search results					
Data Description	Sub_code(primary key), Subject					

Data Store Name	6. Club_converter Table	
Data Store Maille	o. Glub_converter rable	
Description	Used to convert club codes to their respective names	
Description	10.3 Request search results  10.1 Give required club names	
Inbound Data Flows		
IIIDOdiid Data i iows	10.3 Request search results	
Outbound Data Flows		
	10.3 Get search results	
Data Description	Club_code(primary key), Club	
Data Store Name	7. Notifications Table	
Data Store Name	7. Nouncations Table	
Description	Used to store the notifications sent by the CRs and the Club heads. Contains general information	
Description	about a notification	
Inbound Data Flows	6.1 Store details for notifications	
Outbound Data Flows	6.2 Get notification details	
Data Description	Noti_id (primary key), Topic, Description, Date, Time	
Data Store Name	8. Student_Noti Table	
Description	Used to map students with the respective notifications to be sent to them. Automatically deletes the notification for a student once they have received them.	
	· ·	
Inbound Data Flows	6.2 Update notification details for that club	
แมงนาน บลเล Flows	6.4 Update notification details for that CR 6.5 Request pending notifications	
Outbound Data Flows	6.5 Get pending notifications for that user	
- a a bata i 10110	and the periodical section of the doct	

Data Store Name	9. Attendance Table					
Description	Used to store the attendance data entered by a user, Contains general information which is fetched when the user presses the attendance button					
Inbound Data Flows	<ul><li>9.3 Request attendance details (subjects, classes)</li><li>9.1 Send subject code to increment attendance</li></ul>					
Outbound Data Flows	9.3 Provide required details					
Data Description	Subject (PrimaryKey), Subtitle, ClassesAttended, TotalClasses					
Data Store Name	10. Club Table					
Description	Used to store the names of all the clubs the user chooses to be a part of					
Inbound Data Flows	10.3 Request to store user's club					
Outbound Data Flows	10.3 Stores user's club					
Data Description	ClubName(primary key), ID					
Data Store Name	11. Reminder Table					
Description	Used to store the data of all the custom reminders the user chooses to enter in the Custom Reminders Page					
Inbound Data Flows	4.0 Request all pending reminders					
Outbound Data Flows	4.0 Get list of reminders					
Data Description	Description(PrimaryKey), Year, Month, Day, Hour, getNotified					

Data Store Name	12. Subjects Table				
Description	Used to store all the subjects that the user chooses to keep track of				
Inbound Data Flows	2.3 Save list of subjects of student 5.1 Request list of subjects of user 9.3 Request attendance details (subjects, classes) 9.1 Send subject code to increment attendance 10.7 Request list of subjects to append/delete				
Outbound Data Flows	5.1 Get list of subjects of user 9.3 Provide required details 10.7 list of subjects to append/delete				
Data Description	SubjectCode(PrimaryKey), Subject				
Data Store Name	13. Timetable Table				
Description	Used to store the data of all the events that the user chooses to enter in the Timetable page along with their frequency				
Inbound Data Flows	5.1 Append details of new class 5.2 Remove details of concerned class 5.3 Request list of classes marked in timetable				
Outbound Data Flows	5.3 Get list of classes				
Data Description	Title(PrimaryKey), startYear, startMonth, startDay, startHour, startMinute, endYear, endMonth, endDay, endHour, endMinute, interval				
Data Store Name	14. User Table				
Description	Used to store general data about the user, their authorisation level and login/SignUp state				
Inbound Data Flows	2.2 Update login state and auth level 10.4 Update login/signup status				
Outbound Data Flows	-				
Data Description	Sid(PrimaryKey), Password, auth, Login				

### DATA DICTIONARY

- PecPocket

					+
					+
	DATA	STORES			+
					+
					+
					+
Data Structure Name	Values				t
1. Super =	SID + Name + Email				
2. SignUp =	SID + Password				
3. Auth =	SID + Auth + Domain				
4. Personal =	+ Name + Branch + Year + Semester + (Club_codes) + (Insta)				
5. Sub_converter =	Sub_code + Subject				
6. Club_converter =	Club_code + Club				
7. Notifications =	Noti_id + Topic + Description + Date + Time				
8. Student_Noti =	SID + Noti_id				
9. Attendance =	Subject, Subtitle + ClassAttended + TotalClasses				+
10. Clubs =	ClubName + id				
11. Reminder =	Description + Year + Month + Day + Hour + getNotified				
12. Subjects =	SubjectCode + Subject				
13. Timetable =	Title + startYear + startMonth + startDay + StartHour + startMinute + endYear + endMonth + endDay + endHour + endMinute + interval				